

Reference 3

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-183977

(43)Date of publication of application : 30.06.2000

(51)Int.Cl.

H04L 12/66  
H04J 13/00  
H04L 12/46  
H04L 12/28  
H04L 12/56  
H04M 3/00  
H04M 11/00

(21)Application number : 11-359938

(71)Applicant : SYMBOL TECHNOL INC

(22)Date of filing : 17.12.1999

(72)Inventor : ALEX M GARNERT  
SAROSHU VESUNA  
DAVID GOREN

(30)Priority

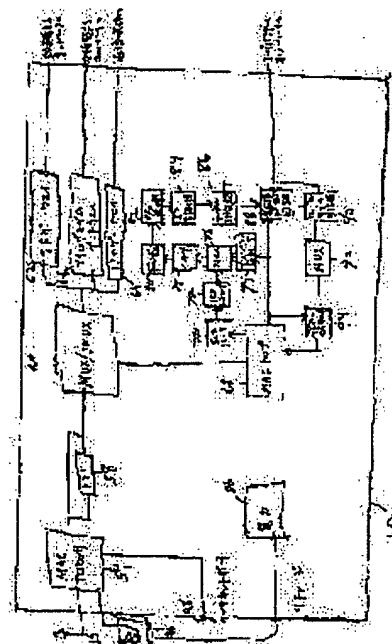
Priority number : 98 213958 Priority date : 17.12.1998 Priority country : US

**(54) DEVICE AND METHOD FOR PROVIDING INTERFACE BETWEEN RADIO LOCAL AREA INFORMATION NETWORK AND CABLE COMMUNICATION SYSTEM**

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an interface between a radio LAN and a gateway by detecting a message to be transmitted by a first mobile unit, discriminating, determining whether a route for other mobile unit is determined in the message or it is transferred to other channel and a route for other type of communication station is determined in the message and connecting the gateway with an access point.

**SOLUTION:** A function to transmit and receive a data frame by a proper format, to transmit the data frame from a transmitter/receive 52 at proper time or to make the transmitter/receiver 52 receive the data frame is executed by a medium access control MAC processor 54. The processor 54 is connected with a memory 58 to buffer a data packet. The memory 58 is connected with a switch to perform a processing and switching to determine the route of the data packet, namely, a processor and a multiplexer/demultiplexer 60. A signal received from a cable is received by a cable modem receiver 90 to transfer information to the multiplexer/demultiplexer 92.



## LEGAL STATUS

[Date of request for examination]

12.12.2006

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]